Field	Value
Algorithm	'01'
Vendor ID	Bytes 8-15 of Standard Inquiry Data
Product ID	Bytes 16-31 of Standard Inquiry Data
ID	Bytes 4-n of the Identification Descriptor from page 83h

LUN Generation Using Page 83h Data - Type 3 (2)

The validity of generating a LUN ID with this algorithm is verified by comparing the following

5   fields:

Field	Value
Byte 0 of the Identification Descriptor from page 83h	'01' or '02'
Byte 1 of the Identification Descriptor from page 83h	'03'

The LUN ID is generated by concatenating the following fields:

10

Field	Value
Algorithm	'02'

78

Vendor ID	Bytes 8-15 of Standard Inquiry Data
Product ID	Bytes 16-31 of Standard Inquiry Data
ID	Bytes 4-n of the Identification Descriptor from page 83h

LUN Generation Using Standard Inquiry Data (3)

The Validity of generating a LUN ID with this algorithm is verified by comparing the following fields:

5

Field	Value
Bytes 36-45	Non zero values

The LUN ID is generated by concatenating the following fields:

Field	Value
Algorithm	'03'
Vendor ID	Bytes 8-15 of Standard Inquiry Data
Product ID	Bytes 16-31 of Standard Inquiry Data
ID	Bytes 36-45 of Standard Inquiry Data

10

The following is an example of a LUN ID generated by utilizing the Standard Inquiry data algorithm. Note that the data is shown in % notation: "03EMC SYMMETRIX 123456789"

LUN Generation Using Standard Inquiry Data - Extended Fields(4)

The validity of generating a LUN ID with this algorithm is verified by comparing the following

fields:

5

Field	Value
Bytes 36-55	Non zero values

The LUN ID is generated by concatenating the following fields:

Field	Value
Algorithm	'04'
Vendor ID	Bytes 8-15 of Standard Inquiry Data
Product ID	Bytes 16-31 of Standard Inquiry Data
ID	Bytes 36-55 of Standard Inquiry Data

10   Assigned LUN IDs are communicated to agents by the SAN manager 20 for use in effecting

LUN assignments, or "LUN masking," on the respective hosts. Specifically, the Disk Manager

76 updates a filter driver 79 residing within a respective agent on each host with a list of assigned

LUN IDs. When an attempt is made to mount a storage device otherwise visible to the host, the

filter driver 79 intervenes, applying the LUN ID algorithm indicated in the manager-supplied IDs

15   (e.g., from among the algorithms described above) and failing for any device for which there is